

**Claims**

1.     Hydrostatic drive system having at least one hydraulic  
pump (100) and at least two hydraulic motors (104,  
5     109), wherein the hydraulic pump (100) divides up its  
overall flow of hydraulic fluid over at least two  
partial flows of hydraulic fluid which are each  
delivered in a partial delivery line (101, 102) in a  
common cylinder drum (23) belonging to the hydraulic  
10    pump (100), and wherein at least one first hydraulic  
motor (104) driving a first drive line (105) is  
connected by its first connection (103) to the first  
connection (38) of the first partial delivery  
line (101) of the hydraulic pump (100), and by its  
15    second connection (107) to the second connection (38')  
of the first delivery line (101) of the hydraulic  
pump (100), and at least one second hydraulic  
motor (109) driving a second drive line (110) is  
connected by its first connection (108) to the first  
20    connection (56) of the second partial delivery  
line (102) of the hydraulic pump (100), and by its  
second connection (112) to the second connection (56')  
of the second partial delivery line (102) of the  
hydraulic pump (100).  
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2.     Hydrostatic drive system according to claim 1,  
characterised in that,  
if necessary, an equalising flow for equalising a  
differential takes place, in each case, between the  
30    two partial flows of hydraulic fluid in the two  
particular working conduits (52 and 54, 53 and 55)  
which are connected, in each case, to the two first or

second connections (38 and 56, 38' and 56') of the hydraulic pump (100).

3. Hydrostatic drive system according to claim 2,  
5 characterised in that  
the equalising flow between the two partial flows of  
hydraulic fluid is realised, in each case, via a 2/2-  
way valve (123, 124) which is connected between the  
two working conduits (52 and 54, 53 and 55) and which  
10 is closed if necessary.
4. Hydrostatic drive system according to claim 3,  
characterised in that  
one of the two 2/2-way valves (123, 124) is integrated  
15 into the hydraulic pump (100) on the feeding-in and  
feeding-out sides in each case.
5. Hydrostatic drive system according to one of claims 1  
to 4,  
20 characterised in that  
the hydraulic pump (100) is designed as an adjusting  
pump.
6. Hydrostatic drive system according to one of claims 1  
to 5,  
25 characterised in that  
each hydraulic motor (104, 109) is designed as a  
fixed-displacement motor, a torque motor and/or an  
adjusting motor.